

WHAT IS CLAIMED IS:

1. A conveying device comprising:

a moving member provided so as to be movable;

a rotating member rotatably supported at the moving member;

and

a holding member rotatably supported at the rotating member,
and able to hold a sheet,

wherein, in a state in which the holding member is holding the sheet, the holding member conveys the sheet by at least one of movement of the moving member, rotation of the rotating member with respect to the moving member, and rotation of the holding member with respect to the rotating member.

2. The conveying device of claim 1, wherein the movement of the moving member, the rotation of the rotating member with respect to the moving member, and the rotation of the holding member with respect to the rotating member are driven by respectively different drive sources, and each of the drive sources is controlled independently.

3. The conveying device of claim 1, further comprising a restricting member, wherein the moving member engages with the restricting member, and the moving member moves along the restricting member.

4. The conveying device of claim 1, wherein the holding member is formed from a suction member which can hold the sheet by suction.

5. The conveying device of claim 1, wherein, in the state in which the holding member is holding the sheet, due to at least the rotating member rotating, the holding member moves and conveys the sheet to a position substantially opposing a position at which the holding member first holds the sheet.

6. A conveying device comprising a holding member which can hold a sheet and which is movable,

wherein, given that a direction of thickness of the sheet is a vertical direction, the holding member holds one end portion of the sheet such that the one end portion is oriented in the vertical direction, and moves and conveys the sheet in the direction in which the one end portion is oriented.

7. The conveying device of claim 6, wherein the holding member is provided so as to be rotatable.

8. The conveying device of claim 6, wherein the holding member is formed from a suction member which can hold the sheet by suction.

9. A method of conveying a sheet by a conveying device having:

a moving member provided so as to be movable; a rotating member rotatably supported at the moving member; and a holding member rotatably supported at the rotating member and able to hold a sheet,

said method comprising:

holding the sheet by the holding member; and

rotating the rotating member in a state in which the holding member holds the sheet.

10. The conveying method of claim 9, further comprising rotating the holding member.

11. The conveying method of claim 9, further comprising moving the moving member.

12. The conveying method of claim 9, wherein the holding member holds a vicinity of one end portion of the sheet.

13. The conveying method of claim 9, wherein the holding member holds the sheet by suction.

14. A printing plate exposure device comprising:

a plurality of cassettes disposed in a row in a vertical direction, each of the cassettes accommodating a plurality of printing plates;

a conveying device conveying the printing plate and having:
a moving member disposed parallel to the plurality of cassettes
and provided so as to be movable in a horizontal direction; a
rotating member rotatably supported at the moving member; and a
holding member rotatably supported at the rotating member and able
to hold the printing plate; and

an exposure section provided at a downstream side of the
conveying device in a direction of conveying the printing plate,
and recording an image on a conveyed printing plate,

wherein, in a state in which the holding member is holding
the sheet, the holding member conveys the sheet by at least one
of movement of the moving member, rotation of the rotating member
with respect to the moving member, and rotation of the holding
member with respect to the rotating member.

15. The printing plate exposure device of claim 14, wherein the
movement of the moving member, the rotation of the rotating member
with respect to the moving member, and the rotation of the holding
member with respect to the rotating member are driven by
respectively different drive sources, and each of the drive
sources is controlled independently.

16. The printing plate exposure device of claim 14, wherein, in
the state in which the holding member is holding the printing plate,
due to at least the rotating member rotating, the holding member

moves and conveys the printing plate to a position substantially opposing a position at which the holding member first holds the printing plate.

17. The printing plate exposure device of claim 14, wherein the plurality of cassettes are disposed so as to be offset from one another in the horizontal direction.

18. The printing plate exposure device of claim 14, wherein the plurality of cassettes are provided so as to be movable in the horizontal direction.